

EXHIBIT A



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Overview

The B16-F10-luc-G5 Bioware® cell line (P/N 119269) is a light producing cell line derived from B16-F10 mouse melanoma cells by stable transfection of the North American Firefly Luciferase gene expressed from the SV40 promoter. Selection Marker: Zeocin (Sensitivity: 0.2 mg/ml).

Tissue: Mouse Melanoma

Parental Line Source: NCI

Bioluminescence In Vitro: Approx. 15 photons/sec/cell, subject to imaging and culturing conditions

In Vivo Models Tested:

Nu/nu (CR): subcutaneous and intravenous lung colonization model

C57BL/6 Albino (JAX): intravenous lung colonization model



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The B16-F10-luc-G5 Bioware® Cell Line (P/N 119269) may be used *in vivo* to establish subcutaneous tumor models and experimental metastasis model (lung colonization after intravenous injection). Bioluminescent imaging detected tumor cells throughout the experiment; measurable tumors may be measured by caliper within two weeks after the s.c. injection. *In vivo* photon counts of lung metastasis aft i.v. injection correlated to mean number of lesions on the surface of the lung. *Ex vivo* imaging confirmed metastases in pancreas, liver, kidneys and adipose tissue in some mice after the intravenous cell injection.

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